COMBINED DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

Attorney Docket No.

2300-0137

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name; I BELIEVE I AM THE ORIGINAL, FIRST AND SOLE INVENTOR (if only one name is listed below) OR AN ORIGINAL, FIRST AND JOINT INVENTOR (if more than one name is listed below) OF THE SUBJECT MATTER WHICH IS CLAIMED AND FOR WHICH A PATENT IS SOUGHT ON THE INVENTION
ENTITLED:HUMAN INMUNODEFICIENCY VIRUS (HIV) NUCLEOTIDE SEQUENCES,
RECOMBINANT POLYPEPTIDES, AND APPLICATIONS THEREOF
the specification of which:
(check ☐ is attached hereto; one) ☑ was filed on 24 December 1987 as
Application Serial No. 138,894
and was amended on
(if applicable)

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICA-TION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE;

I ACKNOWLEDGE THE DUTY TO DISCLOSE INFORMATION WHICH IS MATERIAL TO THE EXAMINATION OF THIS APPLICATION IN ACCORDANCE WITH TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56 (a) which states: "A duty of candor and good faith toward the Patent and Trademark Office rests on the inventor, on each attorney or agent who prepares or prosecutes the application and on every other individual who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application. All such individuals have a duty to disclose to the Office information they are aware of which is material to the examination of the application. Such information is material where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent. The duty is commensurate with the degree of involvement in the preparation or prosecution of the application.";

I do not know and do not believe the said invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application; that said invention was not in public use or on sale in the United States of America more than one year prior to said application; that said invention has not been patented or made the subject of an inventor's certificate issued before the date of said application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than twelve months prior to said application;

I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

The priority of the earliest appli to this application is hereby clai	cation(s) (if any) fil med under 35 U.S.C. \$1	ed within a year pri 19;	O.T
I hereby appoint the following attorneys and age in the Patent and Trademark Office connected the connection with international applications directed	nerewith and to file, prosecute a	n and to transact all busines and to transact all business in	s n
William H. Benz-Reg.No. 25,952 Thomas E. Ciotti-Reg.No. 21,013 Peter J. Dehlinger-Reg.No. 28,0 Dianne E. Reed-Reg.No. 31,292 Grant D. Green-Reg. No. 31,259	06 Kate H. Murashige Robert P. Blackbu	Reg. No. 32.430	
Address all correspondence to:			_
Ciotti & Mu	rashige, Irell & Manel	la	
	field Road, Suite 200		
Menlo Park	California 94025		
Robert	P. Blackburn		
Address all telephone calls to: Robert		at 415-327-7250	• •
I hereby declare that all statements made herein of information and belief are believed to be true; and	of my own knowledge are true are of further that these statements w	ed that all statements made of	n C
that willful false statements and the like so made	are punishable by fine or impriso	nment, or both, under Section	a
1001 of Title 18 of the United States Code and the	hat such willful false statements	may jeopardize the validity o	f
the application or any patent issued thereon.			
FULL NAME OF SOLE OR FIRST INVENTOR	SIGNATURE	wein 2/23/8	8
PAUL A LUCIW RESIDENCE	Tay 1. 2	CITIZENSHIP	0
614 Sycamore Lane, #241, Day	is. CA 95616	U.S.A.	
POST OFFICE ADDRESS	CA		
	SIGNATURE	I DATE	
FULL NAME OF SECOND JOINT INVENTOR, IF ANY	SOUNTURE	o Aire	
DINO DINA RESIDENCE		CITIZENSHIP	
San Francisco, CA	,	Italy	
MOST OFFICE ADDRESS			
1254 Washington Street, San	Francisco, CA 941	·	
FULL NAMEOFTHIRD JOINT INVENTOR, IF ANY	SIGNATURE	OATE	
KATHELYN STEIMER		CITIZENSHIP	
El Cerrito, CA		U.S.A.	•
FOST OFFICE ADDRESS			
118 Ramona, El Cerrito, CA	94530		
FULL NAME OF POURTH INVENTOR	SIGNATURE	DATE	
RAY SANCHEZ PESCADOR			
Oakland, CA		Mexico	

7729 Crest Avenue, Oakland, CA

Oakland, CA

POST OFFICE ADDRESS

Please see attached continuation page for additional inventors.

COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUATION PAGE FOR ADDITIONAL INVENTORS		2300-0137		
(This page <u>must</u> be attached to a completed Co	mbined Declaration And P	ower Of Attorney <u>befo</u>	re signing).	
•		· ·	i	
FULL NAME OF FOURTH INVENTOR	SIGNATURE		DATE	
RESIDENCE		CITIZENSHIP	•	
POST OFFICE ADDRESS				
FULL NAME OF FIFTH JOINT INVENTOR, IFANY CARLOS GEORGE-NASCIMENTO	SIGNATURE	emient	3/1/88	
RESIDENCE Danville, CA CA Chile				
POSTOFFICE ADDRESS 1907 S. Forest Hill, Danvil	lle, CA 94526			
FULLNAME OF SIXTH JOINT INVENTOR, IF ANY DEBORAH PARKES	SIGNATURE		DATE	
RESIDENCE		CITIZENSHIP U.S.A	\ • ·	
POST OFFICE ADDRESS		· .		
FULLNAME OF SEVENTHINVENTOR, IF ANY ROB HALLEWELL	SIGNATURE		DATE	
RESIDENCE San Francisco, CA		CITIZENSHIP Great	Britain	
27 Priest Street, San Franc	cisco, CA 94109	.		
FULLNAME OF EIGHTH JOINT INVENTOR, IF ANY PHILIP J: BARR	SIGNATURE		DATE	
RESIDENCE Oakland, California		CITIZENSHIP Great	Britain	
POSTOFFICE ADDRESS 67 Bayforrest Drive, Oakland, CA	A 94611 -			
FULL NAME OF NINTH JOINT INVENTOR, IF ANY MARTHA TRUETT	SIGNATURE MAULTAN	Swell	3/1/88	
Oakland, CA	, , , as square	CITEZENSHIP U.S.	Α.	
9082 Broadway Terrace, Oak	land, CA 94611	 		

9-00

COMBINED DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

Attorney Docket No.

2300-0137

AN ORIGINAL, FIRST AND JOINT INVEN	
ENTITLED: HUMAN INMUNODEFICIENCE	CY VIRUS (HIV) NUCLEOTIDE SEQUENCES,
RECOMBINANT POLYPEPTIDES, AND AF	PPLICATIONS THEREOF
the specification of which:	•
(check □ one) ☑	is attached hereto; was filed on24 December 1987 as
Aį	oplication Serial No. 138,894
an	d was amended on:
	(if applicable)

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICA-TION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE;

I ACKNOWLEDGE THE DUTY TO DISCLOSE INFORMATION WHICH IS MATERIAL TO THE EXAMINATION OF THIS APPLICATION IN ACCORDANCE WITH TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56 (a) which states: "A duty of candor and good faith toward the Patent and Trademark Office rests on the inventor, on each attorney or agent who prepares or prosecutes the application and on every other individual who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application. All such individuals have a duty to disclose to the Office information they are aware of which is material to the examination of the application. Such information is material where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent. The duty is commensurate with the degree of involvement in the preparation or prosecution of the application.";

I do not know and do not believe the said invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application; that said invention was not in public use or on sale in the United States of America more than one year prior to said application; that said invention has not been patented or made the subject of an inventor's certificate issued before the date of said application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than twelve months prior to said application;

I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

The priority of the earliest application(s) (if any) filed within a year prior to this application is hereby claimed under 35 U.S.C. \$119;				
I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:				
William H. Benz-Reg.No. 25,952 Thomas E. Ciotti-Reg.No. 21,013 Peter J. Dehlinger-Reg.No. 28,00 Dianne E. Reed-Reg.No. 31,292 Grant D. Green-Reg. No. 31,259	Ronald Craig Fish Gladys H. Monroy- Kate H. Murashige Robert P. Blackbu Lisabeth Feix Mur	Reg.No. 32, Reg.No. 29 Reg.No. 29	430 ,959 30,447	
and:	·			
545 Middlef	rashige, Irell & Manel ield Road, Suite 200 California 94025	.la		
Address all talanham calls to: Robert	P. Blackburn	21 415	207 7050	
I hereby declare that all statements made herein of information and belief are believed to be true; and that willful false statements and the like so made a 1001 of Title 18 of the United States Code and the application or any patent issued thereon.	d further that these statements we are punishable by fine or impriso	nd that all stateme vere made with the nment, or both, u	e knowledge nder Section	
FULL NAME OF SOLE OR FIRST INVENTOR	SIGNATURE		DATE	
PAUL A. LUCIW		CITIZENSHIP		
RESIDENCE		U.S.A.		
POSTOFFICE ADDRESS				
FULL NAME OF SECOND JOINT INVENTOR, IF ANY	SIGNATURE		DATE	
DINO DINA	D. D.		3/3/88	
San Francisco, CA		CITIZENSHIP Italy		
1254 Washington Street, San	Francisco, CA 941	08		
FULL NAME OF THIRD WINT INVENTOR, IF ANY	Kathelin Su	Germen.	3/15/8	
KATHELYN STEIMER	parneces par	CITIZENSHIP	10/13/0	
Benicia, California		U.S.A.		
POSTOPHICE ADDRESS				
649 West "I" Street, Benicia, CA	94510 SIGNATURE		DATE	
RAY SANCHEZ PESCADOR	Journal of the second of the s			
RESIDENCE		CITIZENSHIP		
Oakland, California		Mexico		
50/0 Datey Street Oakland CA 9/				

🖾 Please see attached continuation page for additional inventors.

COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUATION PAGE FOR ADDITIONAL INVENTORS

Attorney Docket No.

2300-0137

(This page must be attached to a completed Combined Declaration And Power Of Attorney before signing).

FULL NAME OF FOURTH INVENTOR	SIGNATURE		DATE
·			
RESIDENCE		CITIZENSHIP	
			_
POST OFFICE ADDRESS			
•	•		
FULL NAME OF FIFTH JOINT INVENTOR, IFANY	SIGNATURE		DATE
.CARLOS GEORGE-NASCIMENTO			
RESIDENCE		CITIZENSHIP	
- Danville, CA		Chile	
POST OFFICE ADDRESS	1 01 04526		
1907 S. Forest Hill, Danvil	LIE, CA 94526		,
FULL NAME OF SIXTH JOINT INVENTOR, IF ANY	SIGNATURE	•	DATE
DEBORAH PARKES	Wilberah Par	es ·	2/26/88
RESIDENCE		CITIZENSHIP	
Oakland, CA Cft		U.S.A	
POST OFFICE ADDRESS		0.11	^
302 Euclid Avenue #	104, $0a$ kland, 0	H 7761	
FULL NAME OF SEVENTH INVENTOR, IF ANY	SIGNATURE		DATE
ROB HALLEWELL		,	
RESIDENCE		CITIZENSHIP	
San Francisco, CA		Great	Britain
POST OFFICE ADDRESS			
27 Priest Street, San France	cisco, CA 94109		
FULL NAME OF EIGHTH JOINT INVENTOR, IF ANY	SIGNATURE	<u>-</u>	DATE
PHILIP J. BARR			· ·
RESIDENCE		CITIZENSHIP	
Orinda, CA	·	Great	Britain
POST OFFICE ADDRESS			
73 Brookwood, #14, Orinda,			
FULL NAME OF NINTH JOINT INVENTOR, IF ANY	SIGNATURE		DATE
MARTHA TRUETT			
RESIDENCE .		CITIZENSKIP	
Oakland, CA	<u> </u>	U.S.	ł.
POST OFFICE ADDRESS			
9082 Broadway Terrace, Oak	land, CA 94611		

BDSM 0483

COMBINED DECLARATION AND POWER OF ATTORNEY FOR UTILITY PATENT APPLICATION

Attorney Docket No.

2300-0137

	•
As a below named inventor, I hereby decl	lare that:
My residence, post office address and citi	zenship are as stated below next to my name;
	ST AND SOLE INVENTOR (if only one name is listed below) OR
	/ENTOR (if more than one name is listed below) OF THE SUBJECT
	FOR WHICH A PATENT IS SOUGHT ON THE INVENTION
ENTITLED: HUMAN IMMUNODEFICE	ENCY VIRUS (HIV) NUCLEOTIDE SEQUENCES,
RECOMBINANT POLYPEPTIDES, AND	APPLICATIONS THEREOF
the specification of which:	
(check	is attached hereto;
one)	is attached hereto: was filed on24 December 1987as
	Application Serial No. 138,894
	and was amended on;
	(if applicable)

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICA-TION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE:

I ACKNOWLEDGE THE DUTY TO DISCLOSE INFORMATION WHICH IS MATERIAL TO THE EXAMINATION OF THIS APPLICATION IN ACCORDANCE WITH TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56 (a) which states: "A duty of candor and good faith toward the Patent and Trademark Office rests on the inventor, on each attorney or agent who prepares or prosecutes the application and on every other individual who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application. All such individuals have a duty to disclose to the Office information they are aware of which is material to the examination of the application. Such information is material where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent. The duty is commensurate with the degree of involvement in the preparation or prosecution of the application.";

I do not know and do not believe the said invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application; that said invention was not in public use or on sale in the United States of America more than one year prior to said application; that said invention has not been patented or made the subject of an inventor's certificate issued before the date of said application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than twelve months prior to said application;

I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

The priority of the earliest appli	cation(s) (if any) fil	ed vithia <u>a</u>	year prior	
to this application is hereby clai	med under 35 U.S.C. \$1	19;		
I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:				
William H. Benz-Reg.No. 25,952 Thomas E. Ciotti-Reg.No. 21,013 Peter J. Dehlinger-Reg.No. 28,0 Dianne E. Reed-Reg.No. 31,292 Grant D. Green-Reg. No. 31,259	Ronald Craig Fish Gladys H. Monroy- 06 Kate H. Murashige Robert P. Blackbu Lisabeth Feix Mur	Reg.No. 32 Reg.No. 29 Reg.No.	,430 9,959 30,447	
Address all correspondence to:				
Ciotti & Mu	ırashige, Irell & Manel	.la		
	field Road, Suite 200]	
Menlo Park	, California 94025		1	
Address all telephone caus to.	P. Blackburn		-327-7250.	
I hereby declare that all statements made herein of information and belief are believed to be true; and that willful false statements and the like so made 1001 of Title 18 of the United States Code and to the application or any patent issued thereon.	nd further that these statements ware punishable by fine or imprison that such willful false statements	vere made with the inment, or both, i	nder Section he validity of	
TULL NAME OF SOLE OR FIRST INVENTOR	SIGNATURE		DATE	
PAUL A. LUCIW		CITIZENSHIP	<u> </u>	
ESIUME		U.S.A.		
POST OFFICE ADDRESS				
FULL NAME OF SECOND IONT INVENTOR, IF ANY	SIGNATURE		DATE	
DINO DINA		CITIZENSHIP		
ESIDENCE	- ·	Italy		
San Francisco, CA				
1254 Washington Street, San	Francisco, CA 941	08		
ful name of third joint inventor, if any	SIGNATURE		DATE	
KATHELYN STEIMER		T CITTZENSHIP	<u> </u>	
Benicia, California		U.S.A.	·	
POST OFFICE ADDRESS				
649 West "I" Street, Benicia, CA			TOATE	
RAY SANCHEZ PESCADOR	SIGNATURE	•	March 2, 1988	
RESIDENCE	4	Mexico)	
Oakland, California (1)				
50/0 Datey Street Oakland CA	2619	•		

Please see attached continuation page for additional inventors.

4-00

COMBINED DECLARATION AND POV	VED OF ATTODNEY	Attorney Docket No) .
CONTINUATION PAGE FOR ADDITIONAL PROPERTY OF THE PROPERTY OF T		2300-013	7
		-	
(This page <u>must</u> be attached to a completed C	Combined Declaration And I	Power Of Attorney bef	fore signing).
FULL NAME OF FOURTH INVENTOR	SIGNATURE	-	DATE
RESIDENCE		CITIZENSHIP	
POST OFFICE ADDRESS	*		
FULL NAME OF FIFTH JOINT INVENTOR, IF ANY / CARLOS GEORGE-NASCIMENTO	SIGNATURE		DATE
Danville, CA		CMZENSHIP Chil	е
1907 S. Forest Hill, Danvi	lle, CA 94526	_	
FULL NAMEOF SIXTH JOINT INVENTOR, IF ANY DEBORAH PARKES	SIGNATURE		DATE
RESIDENCE		CITIZENSHIP U.S.	Α.
POST OFFICE ADDRESS		<u></u> -	
FULLNAME OF SEVENTH INVENTOR, IF ANY ROB HALLEWELL	Robert A +	·	3-10-88
San Francisco, CA CA		CITIZENSHIP Great	Britain
27 Priest Street, San Fran		900	
PHILIP J. BARR	SIGNATURE Pulip of	Bess	3,10.88
Oakland, California	1	CITIZENSHIP	Britain
FOSTOFFICEADORESS 67 Bayforrest Drive, Oakland, (CA 94611 -		
FULL NAME OF NINTH JOINT INVENTOR, IF ANY MARTHA TRUETT	SIGNATURE		DATE
RESIDENCE Oakland, CA		CTTZENSHIP U.S	.А.
POST OFFICE ADDRESS 9082 Broadway Terrace, Oal	kland, CA 94611		

BDSM 0483

Page 3 of 3